

X REGULAR (UTILITY) OR DESIGN APPLICATION
(check one)

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **METHOD AND APPARATUS FOR THE CONTROL OF MODEM TRANSMIT POWER**, the specification of which:

(check one) X is attached hereto.

 was filed on _____ as
U.S. Application Serial No. _____
and was amended on _____
(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s):

| | | | |
|----------------|---------------|--|--------------------|
| (check one) | <u> X </u> | no such applications filed. | Priority |
| | <u> </u> | such applications identified as follows: | <u> Claimed </u> |

| (Serial No.) | (Country) | (Day/Month/Year Filed) | Yes | No |
|--------------|-----------|------------------------|-----|----|
| (Serial No.) | (Country) | (Day/Month/Year Filed) | Yes | No |

I hereby claim the priority benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which is material to the examination of this application and which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Prior U.S. Applications(s):

(check
one)

 X no such applications filed.

 such applications identified as follows:

| | | |
|---|--|--|
| <u> </u> (Application Serial No.) | <u> </u> (Filing Date) | <u> </u> (Status) (Patented, Pending, Abandoned) |
| <u> </u> (Application Serial No.) | <u> </u> (Filing Date) | <u> </u> (Status) (Patented, Pending, Abandoned) |
| <u> </u> (Application Serial No.) | <u> </u> (Filing Date) | <u> </u> (Status) (Patented, Pending, Abandoned) |

I hereby declare that: as to any claimed subject matter of this application which is common to my earlier United States or foreign application(s), if any, which I have identified above and claimed the benefit of priority thereof, I do not believe that the same was ever known or used in the United States before my invention thereof or patented or described in any printed publication in any country before my invention thereof or more than one year prior to the first of said earlier application(s), or in public use or on sale in the United States more than one year prior to the first of said earlier application(s), and that the said common subject matter has not been patented or made the subject of an inventor's certificate before the date of the first of said earlier U.S. application(s) in any country foreign to the United States on an application, filed by me or my legal representatives or assigns more than twelve months (six months if the present application is a Design patent application) prior to the first of said earlier U.S. application(s), if any; and that, as to any claimed subject matter of this application which is not common to said earlier application(s), if any, I do not know and do not believe that the same was ever known or used in the United States before my invention thereof or patented or described in any printed publication in any country before my invention thereof or more than one year prior to the date of this application, or in public use or on sale in the United States more than one year prior to the date of this application, and that said subject matter has not been patented or made the subject of an inventor's certificate in any country foreign to the United States on an application filed by me or my legal representatives or assigns more than twelve months (six months if the present application is a Design patent application) prior to the date of this application.

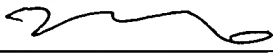
I HEREBY APPOINT THE ATTORNEY(S) OR AGENT(S) ASSOCIATED WITH:
CUSTOMER NUMBER 22917
TO PROSECUTE THIS APPLICATION AND TRANSACT ALL
BUSINESS IN THE PATENT AND TRADEMARK OFFICE CONNECTED THEREWITH.

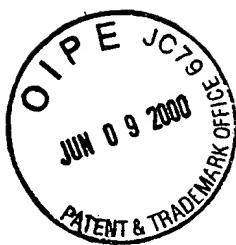
Send Written Correspondence To:

Customer Number **22917**

Direct Telephone Calls to: (508) 261-4358

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statement and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

| | | | |
|---------------------------------------|---|--------------------------|----------|
| Original, first and Joint inventor | Dae-Young Kim | | |
| Inventor's signature |  | | |
| Date | 3/20/2000 | | |
| Residence | Lexington | Massachusetts | |
| | City | State or Foreign Country | |
| Citizenship | | | |
| Post Office Address | 6231 Lexington Ridge Drive | | |
| | Street Address | | |
| | Lexington, | Massachusetts | 02173 |
| | City | State or Country | Zip Code |



PATENT APPLICATION DECLARATION COMBINED
WITH POWER OF ATTORNEY

☒ REGULAR (UTILITY) OR ☐ DESIGN APPLICATION
(check one)

Attorney Docket
No. CX020003

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **METHOD AND APPARATUS FOR THE CONTROL OF MODEM TRANSMIT POWER**, the specification of which:

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☐ was filed on _____ as
U.S. Application Serial No. _____
and was amended on _____
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Prior Foreign Application(s):

(check one) ☒ no such applications filed. Priority
Claimed
☐ such applications identified as follows:

| (Serial No.) | (Country) | (Day/Month/Year Filed) | Yes | No |
|--------------|-----------|------------------------|-----|----|
| | | | | |
| (Serial No.) | (Country) | (Day/Month/Year Filed) | Yes | No |

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Prior U.S. Applications(s):

(check
one)

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I HEREBY APPOINT THE ATTORNEY(S) OR AGENT(S) ASSOCIATED WITH:
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| | | | |
|---------------------------------------|----------------------|--------------------------|----------|
| Original, first and Joint inventor | John Pilozzi | | |
| Inventor's signature | <i>John Pilozzi</i> | | |
| Date | 5-21-2005 | | |
| Residence | Stow, | Massachusetts | |
| | City | State or Foreign Country | |
| Citizenship | U.S.A. | | |
| Post Office Address | 512 Gleasondale Road | | |
| | Street Address | | |
| | Stow, | Massachusetts | 01775 |
| | City | State or Country | Zip Code |

ASSIGNMENT AND AGREEMENT

For and in consideration of the sum of One Dollar to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, **Dae-Young Kim of Lexington, Massachusetts**, have sold, assigned and transferred, and do hereby sell, assign and transfer, unto **MOTOROLA, INC.**, a corporation of the State of Delaware, having its principal office in Schaumburg, State of Illinois, United States of America, and its successors, assigns, and legal representatives, the entire right, title and interest for the United States of America in and to certain inventions relating to improvement in, **METHOD AND APPARATUS FOR THE CONTROL OF MODEM TRANSMIT POWER**, (Case No. **CX020003**), described, illustrated and claimed in an application for Letters Patent of the United States of America executed by us on the dates indicated by our signatures below, together with the entire right, title and interest in and to said application, and in and to Letters Patent which may be issued upon said application, and upon any division, extension, continuation or reissue thereof.


I hereby also sell, assign and transfer unto the said **MOTOROLA, INC.**, the entire right, title and interest in and to said invention and in and to applications for Letters Patent therefor in all countries foreign to the United States of America, including all rights under any and all international conventions and treaties in respect of said invention and said applications for Letters Patent in foreign countries, and I further authorize the said **MOTOROLA, INC.** to apply for Letters Patent in foreign countries directly in its own name, and to claim priority of the filing date of the said application for Letters Patent of the United States of America under the provisions of any and all international conventions and treaties.

I hereby authorize and request the Commissioner of Patents of the United States of America to issue Letters Patent upon the aforesaid application, division, extension, continuation or reissue, to the said **MOTOROLA, INC.**, for the sole use and behoof of said **MOTOROLA, INC.**, its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted, the same as they would have been held and enjoyed by me had this assignment not been made, and I hereby authorize

and request the equivalent authorities in foreign countries to issue the patents of their respective countries to the said MOTOROLA, INC.

I agree that, when requested, I will, without charge to said MOTOROLA, INC., but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said MOTOROLA, INC., its successors, assigns and legal representatives or nominees.

I covenant with said MOTOROLA, INC., its successors, assigns and legal representatives, that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license or other encumbrance.



Dae-Young Kim

3/20/2000

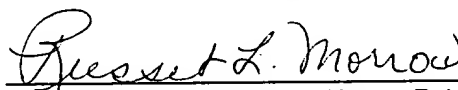
Date

(COMMONWEALTH OF MASSACHUSETTS)

(COUNTY OF BRISTOL)

I, Russet L. Morrow, a Notary Public in and for the County and State aforesaid, do hereby certify that the same persons whose names are subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered said instrument as their free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 20th day of March, 2000.



Russet L. Morrow, Notary Public

SEAL

My commission expires: Jan. 22, 2004

ASSIGNMENT AND AGREEMENT

For and in consideration of the sum of One Dollar to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, **John Pilozzi of Stow, Massachusetts**, have sold, assigned and transferred, and do hereby sell, assign and transfer, unto MOTOROLA, INC., a corporation of the State of Delaware, having its principal office in Schaumburg, State of Illinois, United States of America, and its successors, assigns, and legal representatives, the entire right, title and interest for the United States of America in and to certain inventions relating to improvement in, **METHOD AND APPARATUS FOR THE CONTROL OF MODEM TRANSMIT POWER**, (Case No. CX020003), described, illustrated and claimed in an application for Letters Patent of the United States of America executed by us on the dates indicated by our signatures below, together with the entire right, title and interest in and to said application, and in and to Letters Patent which may be issued upon said application, and upon any division, extension, continuation or reissue thereof.

I hereby also sell, assign and transfer unto the said MOTOROLA, INC., the entire right, title and interest in and to said invention and in and to applications for Letters Patent therefor in all countries foreign to the United States of America, including all rights under any and all international conventions and treaties in respect of said invention and said applications for Letters Patent in foreign countries, and I further authorize the said MOTOROLA, INC. to apply for Letters Patent in foreign countries directly in its own name, and to claim priority of the filing date of the said application for Letters Patent of the United States of America under the provisions of any and all international conventions and treaties.

I hereby authorize and request the Commissioner of Patents of the United States of America to issue Letters Patent upon the aforesaid application, division, extension, continuation or reissue, to the said MOTOROLA, INC., for the sole use and behoof of said MOTOROLA, INC., its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted, the same as they would have been held and enjoyed by me had this assignment not been made, and I hereby authorize

and request the equivalent authorities in foreign countries to issue the patents of their respective countries to the said MOTOROLA, INC.

I agree that, when requested, I will, without charge to said MOTOROLA, INC., but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said MOTOROLA, INC., its successors, assigns and legal representatives or nominees.

I covenant with said MOTOROLA, INC., its successors, assigns and legal representatives, that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license or other encumbrance.

John Pilozzi
John Pilozzi

May 22 2000
Date

(COMMONWEALTH OF MASSACHUSETTS)

(COUNTY OF Bristol)

I, Russell L. Monro a Notary Public in and for the County and State aforesaid, do hereby certify that the same persons whose names are subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered said instrument as their free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 22 day of May, 2000.

Russell L. Monro
Notary Public
My commission expires: 1/22/2004

SEAL